

SEQUENCE LISTING

agcacacaag uagacccugt t

<120> MODULATION OF HIV REPLICATION BY RNA INTERFERENCE <130> UMY-034 <140> 10/722,689 <141> 2003-11-24 <150> 60/444,893 <151> 2003-02-04 <150> 60/428,631 <151> 2002-11-22 <160> 21 <170> PatentIn Ver. 3.3 <210> 1 <211> 21 <212> DNA <213> Artificial Sequence <223> Description of Combined DNA/RNA Molecule: Synthetic oligonucleotide <223> Description of Artificial Sequence: Synthetic oligonucleotide <400> 1 21 ggaaagcuaa ggacugguut t <210> 2 <211> 21 <212> DNA <213> Artificial Sequence <223> Description of Combined DNA/RNA Molecule: Synthetic oligonucleotide <220> <223> Description of Artificial Sequence: Synthetic oligonucleotide <400> 2

21

```
<210> 3
<211> 21
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Combined DNA/RNA Molecule:
      Synthetic oligonucleotide
<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide
<400> 3
                                                                    21
cuuggcacua gcagcauuat t
<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Combined DNA/RNA Molecule:
      Synthetic oligonucleotide
<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide
<400> 4
                                                                    20
gaaagcuagg ggaugguutt
<210> 5
<211> 21
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Combined DNA/RNA Molecule:
       Synthetic oligonucleotide
 <220>
 <223> Description of Artificial Sequence: Synthetic
       oligonucleotide
 <400> 5
                                                                    21
 cuuggcacua acagcauuat t
 <210> 6
 <211> 21
 <212> DNA
 <213> Artificial Sequence
```

```
<220>
<223> Description of Combined DNA/RNA Molecule:
      Synthetic oligonucleotide
<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide
<400> 6
                                                                    21
gacuucaagg aagauggcat t
<210> 7
<211> 21
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Combined DNA/RNA Molecule:
      Synthetic oligonucleotide
<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide
<400> 7
                                                                    21
gacuucaagg gagauggcat t
<210> 8
<211> 21
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Combined DNA/RNA Molecule:
      Synthetic oligonucleotide
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide
<400> 8
                                                                    21
gugccuggcu agaagcacat t
<210> 9
<211> 21
<212> DNA
<213> Artificial Sequence
<220>
 <223> Description of Combined DNA/RNA Molecule:
       Synthetic oligonucleotide
 <220>
 <223> Description of Artificial Sequence: Synthetic
       oligonucleotide
```

	•	
	4	
	·	
	<400> 9	
	agaccagauc ugagccuggt t	21
	·	
	<210> 10	
	<211> 21	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Description of Combined DNA/RNA Molecule:	
	Synthetic oligonucleotide	
	<220>	
•	<223> Description of Artificial Sequence: Synthetic	
	oligonucleotide	
-	<400> 10	
	agaccagaua ugagccuggt t	21
	<210> 11	
	<211> 22	
	<212> DNA	
	<213> Artificial Sequence	
	(213) Attiticial bequence	
	<220>	
	<223> Description of Artificial Sequence: Synthetic	
	primer	
	<400> 11	2.2
•	tagaccagat ctgagcctgg ga	22
	<210> 12	
	<211> 22	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Description of Artificial Sequence: Synthetic	
	primer	
	F	
	<400> 12	
	gtagttctgc caatcaggga ag	22
	gragereege caareaggga ag	
	210. 12	
	<210> 13	
	<211> 21	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Description of Artificial Sequence: Synthetic	
	primer	

	•.	
	•	
-		
	5	
	<400> 13	0.1
	gtctgaggga tctctagtta c	21
	<210> 14	
	<211> 19	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Description of Artificial Sequence: Synthetic primer	
	brimer	
	<400> 14	
	gggagctctc tggctaact	19
•		
_	<210> 15	
•	<211> 20 <212> DNA	
	<213> Artificial Sequence	
	V2137 ATCITICIAL DOGACIOO	
	<220>	
	<223> Description of Artificial Sequence: Synthetic	
	primer	
	<400> 15	20
	ggattaactg cgaatcgttc	20
	<210> 16	
	<211> 17	
•	<212> DNA	
	<213> Artificial Sequence	
	<220>	
•	<223> Description of Artificial Sequence: Synthetic	
	primer	
	F	
	<400> 16	
	gacagggctt ggaaagg	17
		•
	<210> 17	
	<211> 20	
	<211> 20 · · · · · · · · · · · · · · · · · ·	
	<213> Artificial Sequence	
	<220>	
	<223> Description of Artificial Sequence: Synthetic	
	primer	
	<400> 17	
	ttagcagttc tgaagtactc	20

.

	•	
•	• '	
	6	
	<210> 18	
	<211> 21	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Description of Artificial Sequence: Synthetic	
	primer	
	<400> 18	
	tgctgggatt acaggcgtga g	21
	000 10	
	<210> 19 <211> 21	
•	<211> 21 <212> DNA	
	<213> Artificial Sequence	
	(213) Altilicial bequence	
•	<220>	
	<223> Description of Artificial Sequence: Synthetic	
	primer	
	<400> 19	
	ggctaactag ggaacccact g	21
	<210> 20	
	<211> 24	
	<212> DNA <213> Artificial Sequence	
	(213) Altilicial bequence	
	<220>	
	<223> Description of Artificial Sequence: Synthetic	
•	primer	
	•	
•	<400> 20	
	ctgctagaga ttttccacac tgac	24
	<210> 21 <211> 21	
	<211> 21 <212> DNA	
	<213> Artificial Sequence	
	Cally interfered oddanies	
	<220>	
	<223> Description of Artificial Sequence: Synthetic	
	primer	
	<400> 21	0.1
	tctctggtta gaccagatct g	21